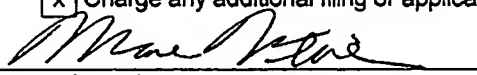


| <b>AMENDMENT TRANSMITTAL LETTER</b>  |   |   |                                   | Docket No.<br>1691-0195P       |        |
|--|---|---|-----------------------------------|--------------------------------|--------|
| Application No.<br>10/743,146-Conf. #7474  | Filing Date<br>December 23, 2003          | Examiner<br>T. M. Dove                  | Art Unit<br>1745                  |                                |        |
| Applicant(s): Hitoshi MATSUOKA et al.  |   |   |                                   |                                |        |
| Invention: ION EXCHANGE MEMBRANE AND PRODUCTION PROCESS THEREFOR   |   |   |                                   |                                |        |
| <b>MS Amendment</b><br><b>Commissioner for Patents</b><br><b>P.O. Box 1450</b><br><b>Alexandria, VA 22313-1450</b>   |   |   |                                   |                                |        |
| Transmitted herewith is an amendment in the above-identified application.<br>The fee has been calculated and is transmitted as shown below.  |   |   |                                   |                                |        |
| <b>CLAIMS AS AMENDED</b>   |   |   |                                   |                                |        |
|  | Claims<br>Remaining<br>After<br>Amendment | Highest<br>Number<br>Previously<br>Paid | Number<br>Extra Claims<br>Present | Rate                           |        |
| <b>Total Claims</b>  | 19  | - 20 =                                  | 0                                 | x 50.00                        | 0.00   |
| <b>Independent<br/>Claims</b>  | 1   | - 3 =                                   | 0                                 | x 210.00                       | 0.00   |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/>   |   |   |                                   |                                |        |
| Other fee (please specify): Extension for response within first month  |   |   |                                   |                                | 120.00 |
| <b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>  |   |   |                                   |                                | 120.00 |
| <input checked="" type="checkbox"/> Large Entity <span style="margin-left: 200px;"><input type="checkbox"/> Small Entity</span>  |   |   |                                   |                                |        |
| <input type="checkbox"/> No additional fee is required for this amendment.   |   |   |                                   |                                |        |
| <input checked="" type="checkbox"/> Please charge Deposit Account No. <u>02-2448</u> in the amount of \$ <u>120.00</u> .<br>A duplicate copy of this sheet is enclosed.                          |   |   |                                   |                                |        |
| <input type="checkbox"/> A check in the amount of \$ _____ is enclosed.  |   |   |                                   |                                |        |
| <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.  |   |   |                                   |                                |        |
| <input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>02-2448</u><br>as described below. A duplicate copy of this sheet is enclosed. |   |   |                                   |                                |        |
| <input checked="" type="checkbox"/> Credit any overpayment.  |   |   |                                   |                                |        |
| <input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.   |   |   |                                   |                                |        |
| <br>Marc S. Weiner<br>Attorney Reg. No.: 32,181   |   |   |                                   | Dated: <u>February 5, 2008</u> |        |
| BIRCH, STEWART, KOLASCH & BIRCH, LLP<br>8110 Gatehouse Road<br>Suite 100 East<br>P.O. Box 747<br>Falls Church, Virginia 22040-0747<br>(703) 205-8000   |   |   |                                   |                                |        |

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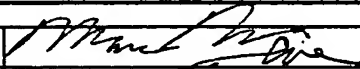
PTO/SB/17 (10-07)  
Approved for use through 06/30/2010. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

|   |  |  |  |
|---|--|--|--|
| Effective on 12/08/2004.<br>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).<br><b>FEE TRANSMITTAL</b><br><b>For FY 2008</b> |  | <b>Complete if Known</b><br>Application Number 10/743,146-Conf. #7474<br>Filing Date December 23, 2003<br>First Named Inventor Hitoshi MATSUOKA<br>Examiner Name T. M. Dove<br>Art Unit 1745<br>Attorney Docket No. 1691-0195P |  |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27  |  |  |  |
| TOTAL AMOUNT OF PAYMENT (\$) 120.00   |  |  |  |

|  |  |
|--|--|
| <b>METHOD OF PAYMENT (check all that apply)</b><br><input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____<br><input checked="" type="checkbox"/> Deposit Account Deposit Account Number: 02-2448 Deposit Account Name: Birch, Stewart, Kolasch & Birch, LLP<br>For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)<br><input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee<br><input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Credit any overpayments |  |
|--|--|

| <b>FEE CALCULATION</b><br><b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>  |              |  |             |                                |                           |                       |                |
|---|--------------|--|-------------|--------------------------------|---------------------------|-----------------------|----------------|
| Application Type  | FILING FEES  |  | SEARCH FEES |                                | EXAMINATION FEES          |                       | Fees Paid (\$) |
|   | Fee (\$)     | Small Entity Fee (\$)                            | Fee (\$)    | Small Entity Fee (\$)          | Fee (\$)                  | Small Entity Fee (\$) |                |
| Utility   | 310          | 155  | 510         | 255                            | 210                       | 105                   |                |
| Design  | 210          | 105  | 100         | 50                             | 130                       | 65                    |                |
| Plant   | 210          | 105  | 310         | 155                            | 160                       | 80                    |                |
| Reissue   | 310          | 155  | 510         | 255                            | 620                       | 310                   |                |
| Provisional   | 210          | 105  | 0           | 0                              | 0                         | 0                     |                |
| <b>2. EXCESS CLAIM FEES</b>   |              |  |             |                                |                           |                       |                |
|   |              |  |             |                                |                           | Small Entity Fee (\$) | Fee (\$)       |
| Each claim over 20 (including Reissues)   |              |  |             |                                |                           | 50                    | 25             |
| Each independent claim over 3 (including Reissues)  |              |  |             |                                |                           | 210                   | 105            |
| Multiple dependent claims   |              |  |             |                                |                           | 370                   | 185            |
| Total Claims  |              | Extra Claims                                     | Fee (\$)    | Fee Paid (\$)                  | Multiple Dependent Claims |                       |                |
| 19 - 20 = 0   |              | x  | 50.00       | = 0.00                         | Fee (\$)                  |                       | Fee Paid (\$)  |
| HP = highest number of total claims paid for, if greater than 20.   |              |  |             |                                |                           |                       |                |
| Indep. Claims   |              | Extra Claims                                     | Fee (\$)    | Fee Paid (\$)                  |                           |                       |                |
| 1 - 3 = 0   |              | x  | 210.00      | = 0.00                         |                           |                       |                |
| HP = highest number of independent claims paid for, if greater than 3.  |              |  |             |                                |                           |                       |                |
| <b>3. APPLICATION SIZE FEE</b><br>If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$260 (\$130 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). |              |  |             |                                |                           |                       |                |
| Total Sheets  | Extra Sheets | Number of each additional 50 or fraction thereof |             | Fee (\$)                       | Fee Paid (\$)             |                       |                |
|   | - 100 =      | /50 =  |             | (round up to a whole number) x |                           |                       |                |
| <b>4. OTHER FEE(S)</b><br>Non-English Specification, \$130 fee (no small entity discount)<br>Other (e.g., late filing surcharge): 1251 Extension for response within first month 120.00   |              |  |             |                                |                           |                       |                |

|  |  |  |  |
|--|--|--|--|
| <b>SUBMITTED BY</b><br>Signature  Registration No. (Attorney/Agent) 32,181 Telephone (703) 205-8000<br>Name (Print/Type) Marc S. Weiner Date February 5, 2008 |  |  |  |
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